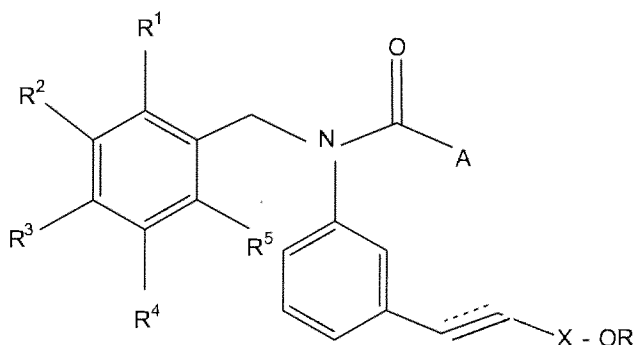


**Amendments to the Claims/Listing of Claims**

Please amend claims 1, 2 and 3 as follows. In addition, please cancel claims 36 and 37 without prejudice. The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for ~~modulating process(es) mediated by farnesoid X receptor polypeptides~~ the treatment of hypercholestermia or cholestasis, said method comprising ~~conducting said process(es) in the presence of~~ administering to a subject in need thereof an effective amount of at least one compound having the structure:



wherein:

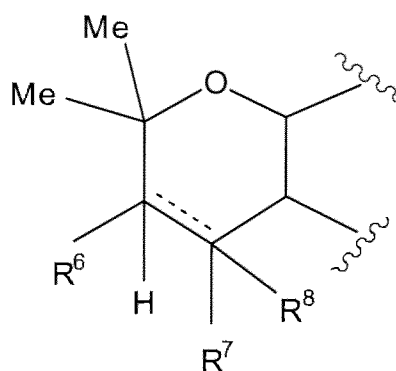
A is a C3 up to C8 branched chain alkyl or substituted alkyl group, a C3 up to C7 cycloalkyl or substituted cycloalkyl, an optionally substituted aryl or an optionally substituted heteroaryl,

X is -C(O)- or -CH<sub>2</sub>-,

R is methyl or ethyl,

R<sup>1</sup> is H, hydroxy, alkoxy, benzyloxy, mesityloxy, or -OCH<sub>2</sub>C(O)OC<sub>2</sub>H<sub>5</sub>,

R<sup>2</sup> is H or R<sup>2</sup> can cooperate with R<sup>3</sup> to form a benzopyran, wherein the pyran ring has the structure:



wherein:

$R^6$  is not present if the pyran ring is unsaturated, or, if present, is selected from H, -OR, wherein R is alkyl or acyl, or  $R^6$  can cooperate with  $R^7$  to form a cyclic acetal, a cyclic ketal, or a cyclopropyl moiety, and

only one of  $R^7$  and  $R^8$  is present if the pyran ring is unsaturated, or  $R^7$  and  $R^8$  are independently H, carboxyl, cyano, hydroxy, alkoxy, thioalkyl, aryl, or  $R^7$  and  $R^8$  taken together comprise a carbonyl oxygen or an oxime nitrogen, or either  $R^7$  or  $R^8$  can cooperate with  $R^6$  to form a cyclic acetal, a cyclic ketal, or a cyclopropyl moiety,

$R^3$  can cooperate with  $R^2$  to form a benzopyran having the structure set forth above, or  $R^3$  is alkenyl, optionally substituted aryl or heteroaryl, or optionally substituted arylalkenyl or heteroarylalkenyl,

$R^4$  is H or hydroxy, and

$R^5$  is H, hydroxy, alkoxy or aryloxy.

2. (Currently amended) The method of claim 1 wherein said ~~process mediated by farnesoid X receptor is cholesterol metabolism~~ method comprises treatment of hypercholesterolemia.

3. (Currently amended) The method of claim 1 wherein said ~~process mediated by farnesoid X receptor is the regulation of lipid homeostasis~~ method comprises treatment of cholestasis.

4. (Original) The method of claim 1 wherein  $R^2$  and  $R^3$  cooperate to form a benzopyran.
5. (Original) The method of claim 4 wherein A is cyclopropyl, X is  $-C(O)-$ ,  $R^1$  is methoxy,  $R^6$  and  $R^7$  are absent, and  $R^4$ ,  $R^5$  and  $R^8$  are hydrogen.
6. (Original) The method of claim 4 wherein A is cyclopropyl, X is  $-CH_2-$ ,  $R^1$  is methoxy,  $R^6$  and  $R^7$  are absent, and  $R^4$ ,  $R^5$  and  $R^8$  are hydrogen.
7. (Original) The method of claim 4 wherein A is cyclohexyl, X is  $-C(O)-$ ,  $R^1$  is methoxy,  $R^6$  and  $R^7$  are absent, and  $R^4$ ,  $R^5$  and  $R^8$  are hydrogen.
8. (Original) The method of claim 4 wherein A is phenyl, X is  $-C(O)-$ ,  $R^1$  is methoxy,  $R^6$  and  $R^7$  are absent, and  $R^4$ ,  $R^5$  and  $R^8$  are hydrogen.
9. (Original) The method of claim 4 wherein A is phenyl, X is  $-C(O)-$ ,  $R^1$  is methoxy,  $R^6$  and  $R^7$  cooperate to form a dichlorocyclopropyl ring, and  $R^4$ ,  $R^5$  and  $R^8$  are hydrogen.
10. (Original) The method of claim 4 wherein A is cyclohexyl, X is  $-C(O)-$ ,  $R^1$  is methoxy,  $R^6$  and  $R^7$  cooperate to form a dichlorocyclopropyl ring, and  $R^4$ ,  $R^5$  and  $R^8$  are hydrogen.
11. (Original) The method of claim 1 wherein  $R^3$  is alkenyl.
12. (Original) The method of claim 11 wherein A is cyclohexyl, X is  $-C(O)-$ ,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is  $-CH=CH-C(O)-O-tBu$ .
13. (Original) The method of claim 1 wherein  $R^3$  is optionally substituted aryl or heteroaryl.

14. (Previously presented) The method of claim 13 wherein said compound is selected from the group consisting of compounds wherein:

A is cyclohexyl,

X is -C(O)-,

$R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are each hydrogen, and

$R^3$  is selected from the group consisting of phenyl, p-thiomethyl-phenyl, m-methoxy-phenyl, m-acetyl-phenyl, 5-methyl-2-thiophene-yl, 5-acetyl-2-thiophene-yl, 4-dimethylamino-phenyl, and 2,3-(O-CH<sub>2</sub>-O)-phenyl.

15.-20. Cancelled.

21. (Previously presented) The method of claim 13 wherein said compound is selected from the group consisting of compounds wherein:

A is isopropyl,

X is -C(O)-,

$R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are each hydrogen, and

$R^3$  is 4-dimethylamino-phenyl, or 2,3-(O-CH<sub>2</sub>-O)-phenyl.

22.-23. Cancelled.

24. (Original) The method of claim 1 wherein  $R^3$  is or optionally substituted arylalkenyl or heteroarylalkenyl.

25. (Previously presented) The method of claim 24 wherein said compound is selected from the group consisting of compounds wherein:

A is cyclohexyl,

X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are each hydrogen, and

$R^3$  is selected from the group consisting of -CH=CH-phenyl, -CH=CH-p-methoxy-phenyl, -CH=CH-o-fluoro-phenyl, -CH=CH-m-fluoro-phenyl, and -CH=CH-p-fluoro-phenyl.

26. (Previously presented) The method of claim 24 wherein said compound is selected from the group consisting of compounds wherein:

A is isopropyl,

X is -C(O)-,

$R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are each hydrogen, and

$R^3$  is selected from the group consisting of -CH=CH-phenyl, -CH=CH-o-fluoro-phenyl, -CH=CH-m-fluoro-phenyl, and -CH=CH-p-fluoro-phenyl.

27.-37. Cancelled.